Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 30 Sep 2023 until 23:59 on Sunday 01 Oct 2023

Forecast Issued on Saturday 30 Sep 2023 at 04:39

Confidence: Some uncertainty remains for rainfall details until early Tuesday. High for showery conditions thereafter.

Headline for Saturday 30 Sep 2023: Dry initially, turning wet and windy this afternoon and evening.

Mountain weather hazards on Saturday 30 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
00%	<05%	40%	60%	90%	80%

Forecast for Saturday 30 Sep 2023

Weather: Some bright or sunny spells this morning, before cloud thickens and rain arrives late morning from the southwest. This afternoon and evening the rain will become heavy and persistent, with hill fog developing.

Chance of cloud-free hill tops above 600m: 80% this morning, decreasing 20% this evening.

Low Cloud and visibility: Good visibility with good air clarity in the morning, some patchy cloud down to 500 metres at first. Hill fog down to 300 metres developing this evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 30 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 SW	10/12 S	12/16 S	14/20 S	17/25 SE	19/26 S	20/29 SW
300	2/10 S	6/10 S	8/15 S	9/19 S	10/23 SE	8/22 S	13/27 SW
Valley	1/8 SW	4/8 S	7/14 S	7/17 S	9/22 SE	9/23 S	10/24 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/7	10/7	9/6	9/5	11/7	13/9
300	10/9	12/10	12/11	12/10	11/9	12/11	14/12
Valley	10/10	13/13	14/13	13/12	12/11	14/13	15/14
Freezing Level*	2000m	1900m	1800m	3300m	3500m	3300m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strengthening winds in the afternoon will slow progress. Combined with heavy rain this will lead to drenching conditions and a notable wind chill. Best of the conditions this morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 30 Sep 2023	0mm	4.2mm	14.2mm

Forecast for Sunday 01 Oct 2023

Weather: Wet and windy overnight. A cloudy morning with rain easing to become light, then probably clearing southwards early afternoon with sunny spells developing later in the afternoon. Dry with clear periods in the evening.

Maximum wind: Southwesterly 25-30 mph with gusts to 40-45 mph on the summits, easing later.

Chance of cloud-free hill tops above 600m: 20% in the morning, 80% by afternoon.

Low Cloud and visibility: Poor in low cloud down to 300 metres at first, this breaking and lifting, with cloud largely above the summits in the afternoon with excellent visibility.

Temperature: **Valleys:** Plus 15 Celsius
At 600m: Plus 13 decreasing 10 Celsius
Freezing level: Above summits

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